

# Converting Colors

Hex(82E3D6)

Have a look what the booklet for  
Hex(82E3D6) contains.

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**Color**

**Hex(82E3D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82E3D6
RGB	130, 227, 214
RGB Percent	51%, 89%, 84%
CMY	0.4902, 0.1098, 0.1608
CMYK	0.43, 0.00, 0.06, 0.11
HSL	172°, 63%, 70%
HSV	172°, 43%, 89%
XYZ	48.8126, 64.5390, 73.5029
YIQ	196.5150, -53.6390, -24.6070

# Conversions

## Conversions Part 2

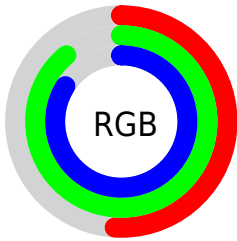
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 182, 227
Decimal	8578006
CIELab	84.25, -31.69, -2.61
CIELCh	84, 31.794, 184.707
Yxy	64.5390, 0.2612, 0.3454
Android (android.graphics.Color)	4286768086 (0xFF82E3D6)
YUV	196.5150, 8.6201, -58.3337
Hunter-Lab	80.3362, -32.1310, 1.9885

# Details

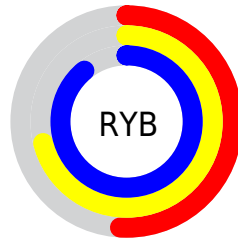
The Hex color **82E3D6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E3828F**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **BBFFFF**, and **48AB9F** is the 20% darker color. If you saturate the color by 10%, you get **6BE3D3**, and if you desaturate by 10%, it is **99E3D9**.

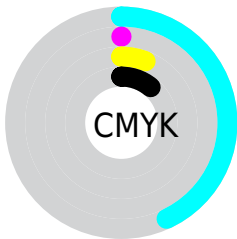
# Distribution



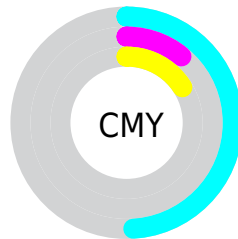
- Red (51%)
- Green (89%)
- Blue (84%)



- Red (51%)
- Yellow (71%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82E3D6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 82E3D6 by changing the saturation by 10% instead.



 82E3D6

 82E3D6

FFFFFF

 65C7BA

 BBFFFF

 48AB9F

 D9FFFF

 289085

 F6FFFF

 00766C

 005D54

 00453D

 002E27

 001813

 000000

 82E3D6

 82E3D6

 6BE3D3

 99E3D9

 55E3D0

 AFE3DC

 3EE3CD

 C6E3DF

 27E3CA

 DDE3E2

 11E3C7

 F3E3E5

 00E3C5

 FFE3E8

 FFE3EB

 FFE3EE

 FFE3F1

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0E1B8



82E3D6



77E2F3

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82E3D6



DDC9FF



FDC89D

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82E3D6



E3828F

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBFB1



82E3D6



FDC0EC

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82E3D6



B3D3FF



FFBCCE



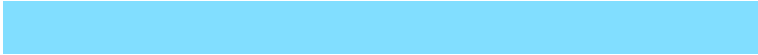
E3D296

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82E3D6



81DEFF



FFBCCE



FFC4A2

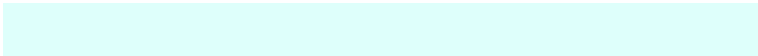


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82E3D6



DEFFFB



91E382



6B807D



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82E3D6



7DFFEE



82C1E3



677371



00B39B



00332C



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E3828F



FF7D8E



E3A482



736769



B30018

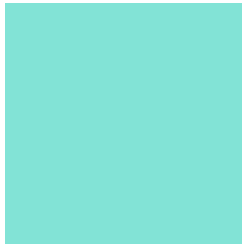


330007



# Previews

## White Background



This preview shows how the Hex color 82E3D6 looks on a white background.

## Color Contrast Check

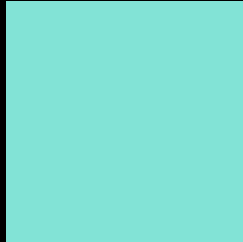
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 82E3D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

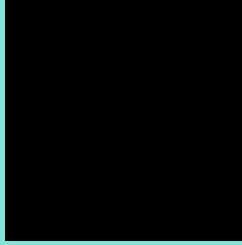
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

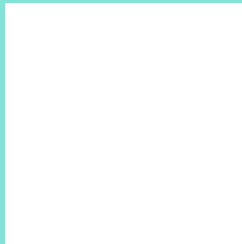
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82E3D6 Background



This preview shows how black text looks on a background with the Hex color 82E3D6.

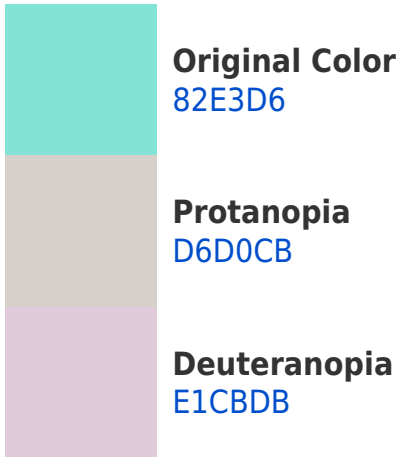


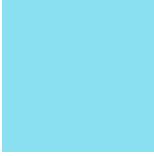
This preview shows how white text looks on a background with the Hex color 82E3D6.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
8ADFF1

# Trichromacy



**Original Color**  
82E3D6



**Protanomaly**  
B7D7CF



**Deuteranomaly**  
BED4D9

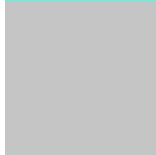


**Tritanomaly**  
87E0E7

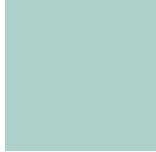
# Monochromacy



**Original Color**  
82E3D6



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
ADD0CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82E3D6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #82E3D6 looks like.

```
.text, #text, p{  
    color:#82E3D6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #82E3D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82E3D6
}
```

## Border

The CSS property to change the border of an element to Hex 82E3D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82E3D6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#82E3D6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #82E3D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82E3D6; -webkit-box-shadow:4px 4px  
4px 4px #82E3D6; box-shadow:4px 4px 4px  
4px #82E3D6 }
```

# Background

The CSS property to change the background color of an element to Hex 82E3D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82E3D6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#82E3D6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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